LOOP

Note: This statement may be used in reporting mode only; it is not permitted in structured mode.

```
[CLOSE] LOOP [(r)]
```

Function

The LOOP statement is used to close a processing loop. It causes processing of the current pass through the loop to be terminated and control to be returned to the beginning of the processing loop.

When the processing loop for which the LOOP statement is issued is terminated (that is, when all records have been processed or iterations have been performed), execution continues with the statement after the LOOP statement.

Statement Reference Notation - *r*

The LOOP statement may be specified with a statement label or reference number, in which case all inner loops up to and including the loop initiated by the statement referenced will be closed. If no statement reference is specified, the innermost active processing loop will be close.

Database Variable References

A LOOP statement, in addition to closing a processing loop, will eliminate all field references to FIND, FIND FIRST, FIND UNIQUE, READ and GET statements contained within the loop.

A field within a view may be referenced outside the processing loop by using the view name as a qualifier.

Restrictions

A LOOP statement may not be specified based on a conditional statement such as IF or AT BREAK.

Example 1

```
0010 FIND ...
0020   READ ...
0030     READ ...
0040 LOOP (0010)    /* closes all loops
```

Example 2

Example 2 LOOP

```
0010 FIND ...
0020   READ ...
0030     READ ...
0040     LOOP        /* closes loop initiated on line 0030
0050   LOOP          /* closes loop initiated on line 0020
0060 LOOP            /* closes loop initiated on line 0010
```